

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application No. 10/705,824
 Filing Date November 13, 2003
 First Named Inventor Wen-Jian Lin
 Art Unit 2813
 Examiner NGUYEN, TUAN H
 Attorney Docket No. QCO.078A / 061106

(Multiple sheets used when necessary)

SHEET 1 OF 15

MAY 26 2006

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
TN	1.	2,534,846	12/19/50	Ambrose et al.	
	2.	2001/0026951	10/04/01	Vergani et al.	
	3.	2001/0040675	11/15/01	True et al.	
	4.	20010003487	06/14/01	Miles	
	5.	20010040649	11/15/01	Ozaki	
	6.	2002/015215	02/07/02	Miles	
	7.	2002/036304	03/28/02	Ehmke et al.	
	8.	2002/054424	5/9/2002	Miles	
	9.	2002/055253	05/09/02	Rudhard	
	10.	2002/137072	09/26/02	Mirkin et al.	
	11.	2002/168136	11/14/02	Atia et al.	
	12.	20020015215	02/07/02	Miles	
	13.	20020071169	06/13/02	Bowers et al.	
	14.	20020075555	06/20/02	Miles	
	15.	20020126364	09/12/02	Miles	
	16.	2002/0135857	09/26/02	Fitzpatrick et al.	
	17.	2002/138213	07/24/2003	Jin et al.	
	18.	2003/0006468	01/09/03	Ma et al.	
	19.	2003/0090350	05/15/03	Feng et al.	
	20.	20030043157	03/06/03	Miles	
	21.	20030062186	04/03/03	Boroson et al.	
	22.	20030072070	04/17/03	Miles	
	23.	20030152872	08/14/03	Miles, Mark W.	
	24.	20030202264	10/30/03	Weber et al.	
	25.	20030202265	10/30/03	Reboa et al.	
	26.	20030202266	10/30/03	Ring et al.	
	27.	2003/112096	06/19/2003	Potter Michael D.	
	28.	2004/0100677	05/27/04	Huibers et al.	
	29.	2004/010115	01/15/04	Sotzing	
	30.	2004/0124073	07/2004	Pilans et al.	
	31.	2004/0125281	07/01/04	Lin et al.	
	32.	2004/136076	07/15/2004	Tayebati Parviz	
	33.	2004/0145811	07/29/04	Lin et al.	
	34.	2004/0147198	07/29/04	Lin et al.	

Examiner Signature

T. NGUYEN

Date Considered

7/7/06

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(Multiple sheets used when necessary)	Examiner	NGUYEN, TUAN H
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TN	35.	2004/0175577	09/09/04	Lin et al.	
	36.	2004/0191937	09/30/04	Patel et al.	
	37.	2004/0207897	10/21/04	Lin	
	38.	2004/0209192	10/21/04	Lin et al.	
	39.	2004/0209195	10/21/04	Lin	
	40.	2004/0240027	12/02/04	Lin et al.	
	41.	2004/027636	02/12/04	Miles	
	42.	2004/027701	2/12/2004	Ishikawa	
	43.	2004/051929	03/18/04	Sampsel et al.	
	44.	2004/053434	03/18/04	Bruner	
	45.	2004/058532	03/25/04	Miles et al.	
	46.	2004/063322	04/01/2004	Yang	
	47.	2004/125282	7/1/2004	Lin et al.	
	48.	20040028849	02/12/04	Stark et al.	
	49.	20040035821	02/26/04	Doan et al.	
	50.	20040051929	03/18/04	Sampsel et al.	
	51.	20040058532	03/25/04	Miles et al.	
	52.	20040061543	04/01/04	Nam et al.	
	53.	20040080807	04/29/04	Chen et al.	
	54.	2004/080832	04/29/2004	Singh Mandeep	
	55.	20040145049	07/29/04	McKinnell et al.	
	56.	20040147056	07/29/04	McKinnell et al.	
	57.	20040150869	08/05/04	Kasai, Hiroto	
	58.	20040160143	08/19/04	Shreeve et al.	
	59.	20040174583	09/09/04	Chen et al.	
	60.	20040179281	09/16/04	Reboa	
	61.	20040212026	10/28/04	Van Brocklin et al.	
	62.	20040217378	11/04/04	Martin et al.	
	63.	20040217919	11/04/04	Pichl et al.	
	64.	20040218251	11/04/04	Piehl et al.	
	65.	20040218334	11/04/04	Martin et al.	
	66.	20040218341	11/04/04	Martin et al.	
	67.	20040227493	11/18/04	Van Brocklin et al.	
	68.	20040240032	12/02/04	Miles	

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TN	69.	20040240138	12/02/04	Martin et al.	
	70.	20040245588	12/09/04	Nikkel et al.	
	71.	20040263944	12/30/04	Miles et al.	
	72.	2005/0003667	01/06/05	Lin et al.	
	73.	2005/0020089	01/27/05	Shi et al.	
	74.	2005/0024557	02/03/05	Lin	
	75.	2005/0035699	02/17/05	Tsai	
	76.	2005/0036095	02/17/05	Yeh et al.	
	77.	2005/0036192	02/17/05	Lin et al.	
	78.	2005/0042117	02/24/05	Lin	
	79.	2005/0046922	03/03/05	Lin et al.	
	80.	2005/0046948	03/03/05	Lin	
	81.	2005/0068605	03/31/05	Tsai	
	82.	2005/0068606	03/31/05	Tsai	
	83.	2005/0078348	04/14/05	Lin	
	84.	2005/0168849	08/04/05	Lin	
	85.	2005/0195462	09/08/05	Lin	
	86.	2005/0202649	09/15/05	Hung et al.	
	87.	20050001828	01/06/05	Martin et al.	
	88.	20050038950	02/17/05	Adelmann	
	89.	20050057442	03/17/05	Way	
	90.	20050068583	03/31/05	Gutkowski et al.	
	91.	20050069209	03/31/05	Damera-Venkata et al.	
	92.	3,439,973	04/22/69	Paul et al.	
	93.	3,443,854	05/13/69	Weiss	
	94.	3,653,741	04/04/72	Marks	
	95.	3,656,836	04/18/72	de Cremoux et al.	
	96.	3,725,868	04/03/73	Malmer, Jr. et al.	
	97.	3,813,265	05/28/74	Marks	
	98.	3,955,880	05/11/76	Lierke	
	99.	4,099,854	07/11/78	Decker et al.	
	100.	4,196,396	04/01/80	Smith	
	101.	4,228,437	10/14/80	Shelton	
	102.	4,377,324	03/22/83	Durand et al.	

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TN	103.	4,389,096	06/21/83	Hori et al.	
	104.	4,403,248	09/06/83	te Velde	
	105.	4,441,791	04/10/84	Hornbeck	
	106.	4,445,050	04/24/84	Marks	
	107.	4,459,182	07/10/84	te Velde	
	108.	4,482,213	11/13/84	Piliavin et al.	
	109.	4,500,171	02/19/85	Penz et al.	
	110.	4,519,676	05/28/85	te Velde	
	111.	4,531,126	07/23/85	Sadones	
	112.	4,566,935	01/28/86	Hornbeck	
	113.	4,571,603	02/18/86	Hornbeck et al.	
	114.	4,596,992	06/24/86	Hornbeck	
	115.	4,615,595	10/07/86	Hornbeck	
	116.	4,662,746	05/05/87	Hornbeck	
	117.	4,663,083	05/05/87	Marks	
	118.	4,681,403	07/21/87	te Velde et al.	
	119.	4,710,732	12/01/87	Hornbeck	
	120.	4,748,366	05/31/88	Taylor	
	121.	4,786,128	11/22/88	Bimbach	
	122.	4,790,635	12/13/88	Apsley	
	123.	4,856,863	08/15/89	Sampsell et al.	
	124.	4,937,496	06/26/90	Neiger et al.	
	125.	4,954,789	09/04/90	Sampsell	
	126.	4,956,619	09/11/90	Hornbeck	
	127.	4,982,184	01/01/91	Kirkwood	
	128.	5,018,256	05/28/91	Hornbeck	
	129.	5,022,745	06/11/91	Zahowski et al.	
	130.	5,028,939	07/02/91	Hornbeck et al.	
	131.	5,037,173	08/06/91	Sampsell et al.	
	132.	5,044,736	09/03/91	Jaskie et al.	
	133.	5,061,049	10/29/91	Hornbeck	
	134.	5,075,796	12/24/91	Schildkraut et al.	
	135.	5,078,479	01/07/92	Vuilleumier	
	136.	5,079,544	01/07/92	DeMond et al.	

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TN	137.	5,083,857	01/28/92	Hornbeck	
	138.	5,096,279	03/17/92	Hornbeck et al.	
	139.	5,099,353	03/24/92	Hornbeck	
	140.	5,124,834	06/23/92	Cusano et al.	
	141.	5,136,669	08/04/92	Gerd	
	142.	5,142,405	08/25/92	Hornbeck	
	143.	5,142,414	08/25/92	Kochler	
	144.	5,153,771	10/06/92	Link et al.	
	145.	5,162,787	11/10/92	Thompson et al.	
	146.	5,168,406	12/01/92	Nelson	
	147.	5,170,156	12/08/92	DeMond et al.	
	148.	5,172,262	12/15/92	Hornbeck	
	149.	5,179,274	01/12/93	Sampsel	
	150.	5,192,395	03/09/93	Boysel et al.	
	151.	5,192,946	03/09/93	Thompson et al.	
	152.	5,206,629	04/27/93	DeMond et al.	
	153.	5,214,419	05/25/93	DeMond et al.	
	154.	5,214,420	05/25/93	Thompson et al.	
✓	155.	5,216,537	06/01/93	Hornbeck	
	156.	5,226,099	07/06/93	Mignardi et al.	
	157.	5,228,013	07/13/93	Bik	
	158.	5,231,532	07/27/93	Magel et al.	
	159.	5,233,385	08/03/93	Sampsel	
	160.	5,233,456	08/03/93	Nelson	
	161.	5,233,459	08/03/93	Bozler et al.	
	162.	5,254,980	10/19/93	Hendrix et al.	
	163.	5,272,473	12/21/93	Thompson et al.	
	164.	5,278,652	01/11/94	Urbanus et al.	
	165.	5,280,277	01/18/94	Hornbeck	
	166.	5,287,096	02/15/94	Thompson et al.	
	167.	5,296,950	03/22/94	Lin et al.	
	168.	5,299,041	03/29/94	Morin et al.	
	169.	5,305,640	04/26/94	Boysel et al.	
	170.	5,311,360	05/10/94	Bloom et al.	

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TN	171.	5,312,513	05/17/94	Florence et al.	
	172.	5,323,002	06/21/94	Sampsell et al.	
	173.	5,324,683	06/28/94	Fitch et al.	
	174.	5,325,116	06/28/94	Sampsell	
	175.	5,326,430	07/05/94	Cronin et al.	
	176.	5,327,286	07/05/94	Sampsell et al.	
	177.	5,331,454	07/19/94	Hornbeck	
	178.	5,339,116	08/16/94	Urbanus et al.	
	179.	5,345,328	09/06/94	Fritz et al.	
	180.	5,365,283	11/15/94	Doherty et al.	
	181.	5,381,232	01/10/95	van Wijk	
	182.	5,381,253	01/10/95	Sharp et al.	
	183.	5,401,983	03/28/95	Jokerst et al.	
	184.	5,411,769	05/02/95	Hornbeck	
	185.	5,444,566	08/22/95	Gale et al.	
	186.	5,446,479	08/29/95	Thompson et al.	
	187.	5,448,314	09/05/95	Heimbuch et al.	
	188.	5,452,024	09/19/95	Sampsell	
	189.	5,454,906	10/03/95	Baker et al.	
	190.	5,457,493	10/10/95	Leddy et al.	
	191.	5,457,566	10/10/95	Sampsell et al.	
	192.	5,459,602	10/17/95	Sampsell	
	193.	5,459,610	10/17/95	Bloom et al.	
	194.	5,461,411	10/24/95	Florence et al.	
	195.	5,489,952	02/06/96	Gove et al.	
	196.	5,497,172	03/05/96	Doherty et al.	
	197.	5,497,197	03/05/96	Gove et al.	
	198.	5,499,062	03/12/96	Urbanus	
	199.	5,500,635	03/19/96	Mott	
	200.	5,500,761	03/19/96	Goossen et al.	
	201.	5,503,952	04/02/96	Suzuki et al.	
	202.	5,506,597	04/09/96	Thompson et al.	
	203.	5,515,076	05/07/96	Thompson et al.	
	204.	5,517,347	05/14/96	Sampsell	

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TN	205.	5,523,803	06/04/96	Urbanus et al.	
	206.	5,526,051	06/11/96	Gove et al.	
	207.	5,526,172	06/11/96	Kanack	
	208.	5,526,327	06/11/96	Cordova, Jr.	
	209.	5,526,688	06/18/96	Boysel et al.	
	210.	5,535,047	07/09/96	Hornbeck	
	211.	5,548,301	08/20/96	Kornher et al.	
	212.	5,551,293	09/03/96	Boysel et al.	
	213.	5,552,924	09/03/96	Tregilgas	
	214.	5,552,925	09/03/96	Worley	
	215.	5,559,358	09/24/96	Burns et al.	
	216.	5,563,398	10/08/96	Sampsell	
	217.	5,567,334	10/22/96	Baker et al.	
	218.	5,570,135	10/29/96	Gove et al.	
	219.	5,579,149	11/26/96	Moret et al.	
	220.	5,581,272	12/03/96	Conner et al.	
	221.	5,583,688	12/10/96	Hornbeck	
	222.	5,589,852	12/31/96	Thompson et al.	
	223.	5,597,736	01/28/97	Sampsell	
	224.	5,600,383	02/04/97	Hornbeck	
	225.	5,602,671	02/11/97	Hornbeck	
	226.	5,606,441	02/25/97	Florence et al.	
	227.	5,608,468	03/04/97	Gove et al.	
	228.	5,610,438	03/11/97	Wallace et al.	
V	229.	5,610,624	03/11/97	Bhuva	
	230.	5,610,625	03/11/97	Sampsell	
	231.	5,619,059	04/08/97	Li et al.	
	232.	5,619,365	04/08/97	Rhoades et al.	
	233.	5,619,366	04/08/97	Rhoads et al.	
	234.	5,622,814	04/22/97	Miyata et al.	
	235.	5,629,790	05/13/97	Neukermans et al.	
	236.	5,633,652	05/27/97	Kanbe et al.	
	237.	5,636,052	06/03/97	Arney et al.	
	238.	5,636,185	06/03/97	Brewer et al.	

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TN	239.	5,638,084	06/10/97	Kalt	
	240.	5,638,946	06/17/97	Zavracky	
	241.	5,641,391	06/24/97	Hunter et al.	
	242.	5,646,768	07/08/97	Kaciyama	
	243.	5,650,881	07/22/97	Hornbeck	
	244.	5,654,741	08/05/97	Sampsell et al.	
	245.	5,657,099	08/12/97	Doherty et al.	
	246.	5,659,374	08/19/97	Gale, Jr. et al.	
	247.	5,665,997	09/09/97	Weaver et al.	
	248.	5,673,139	09/30/97	Johnson	
	249.	5,674,757	10/07/97	Kim	
	250.	5,683,591	11/04/97	Offenberg	
	251.	5,703,710	12/30/97	Brinkman et al.	
	252.	5,706,022	01/06/98	Hato	
	253.	5,710,656	01/20/98	Goosen	
	254.	5,726,480	03/10/98	Pister	
	255.	5,739,945	04/14/98	Tayebati	
	256.	5,745,193	04/28/98	Urbanus et al.	
	257.	5,745,281	04/28/98	Yi et al.	
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	266.	5,842,088	11/24/98	Thompson	
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	269.	5,943,158	08/24/99	Ford et al.	
	270.	5,959,763	09/28/99	Bozler et al.	
	271.	5,986,796	11/16/99	Miles	
	272.	5,972,193	10/26/99	Chou et al.	

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	Filing Date	November 13, 2003
	First Named Inventor	Wen-Jian Lin
	Art Unit	2813
SHEET 9 OF 15		Examiner NGUYEN, TUAN H
		Attorney Docket No. QCO.078A / 061106

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
TN	273.	5,976,902	11/02/99	Shih	
	274.	5,986,796	11/16/99	Miles et al.	
	275.	5,986,796	11/16/99	Miles	
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	308.	6,473,274	10/29/02	Maimone et al.	
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	322.	6,630,786	10/07/03	Cummings et al.	
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	327.	6,657,832	12/02/03	Williams et al.	
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TN	341.	6,768,097	07/27/04	Viktorovitch et al.	
	342.	6,775,174	08/10/04	Huffman et al.	
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TN	365.	CH 681 047	12-31-1992	Landis & GYR Betriebs AG		
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	368.	EP 0 878 824 A2	11/18/1998	Surface Technology Systems Limited		
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TN	370.	EP 1 452 481 A	9/1/2004	Dalsa Semiconductor Inc.		
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
TN	392.	AKASAKA, "Three-Dimensional IC Trends," Proceedings of IEEE, vol. 74, No. 12, pp. 1703-1714, (Dec. 1986).	
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TN	394.	Austrian Search Report dated August 12, 2005	
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	426.	PCT/US05/030927 International Search Report (0125/2006)	
	427.	PCT/US05/031693 International Search Report	
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	429.	PCT/US05/033558 Partial International Search Report (02/24/06)	
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V	431.	PCT/US96/17731 Search Report	

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